OIPE JC1
APR 18 2005
PATENT & TRADEMARK OFFICE

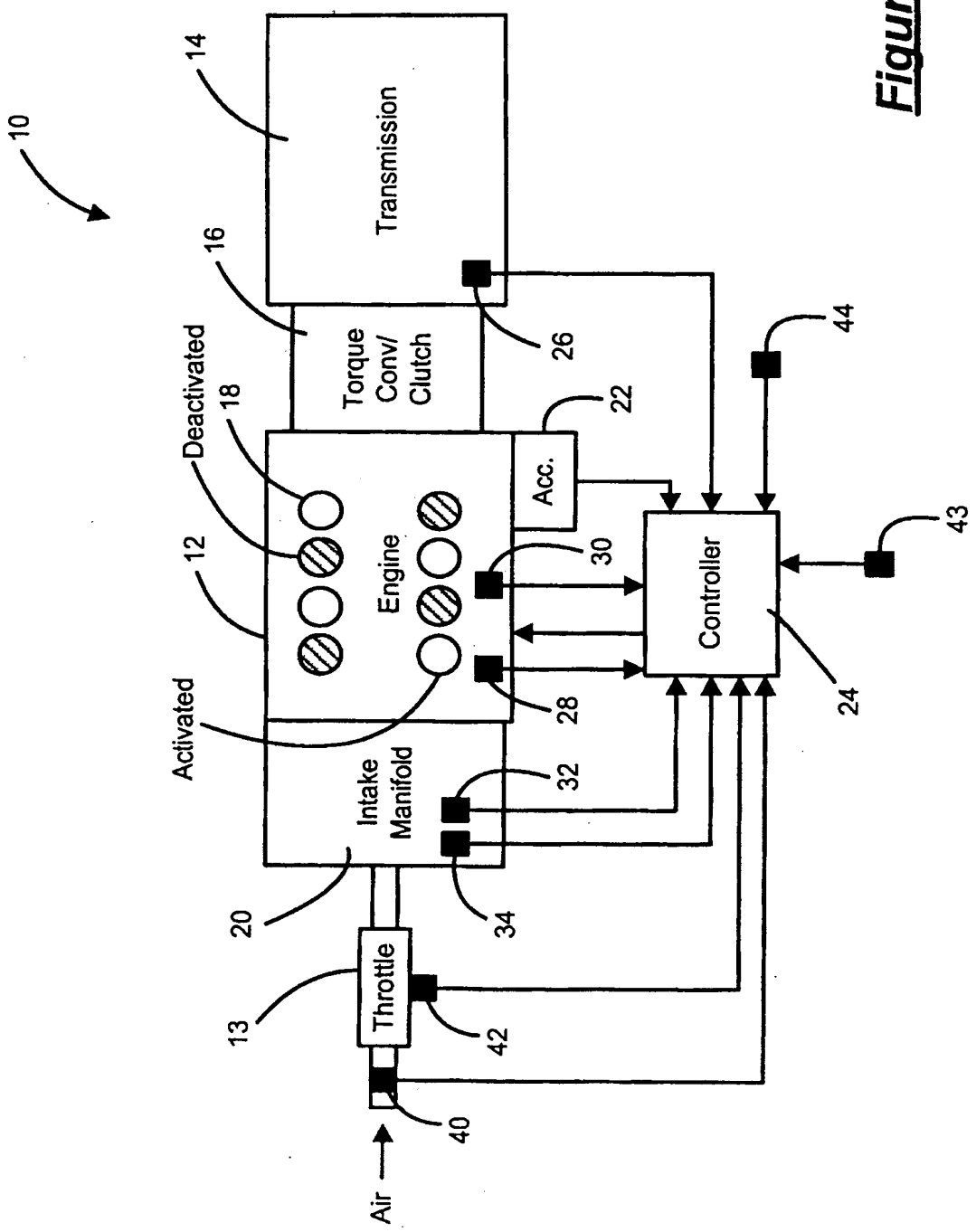

Figure 1

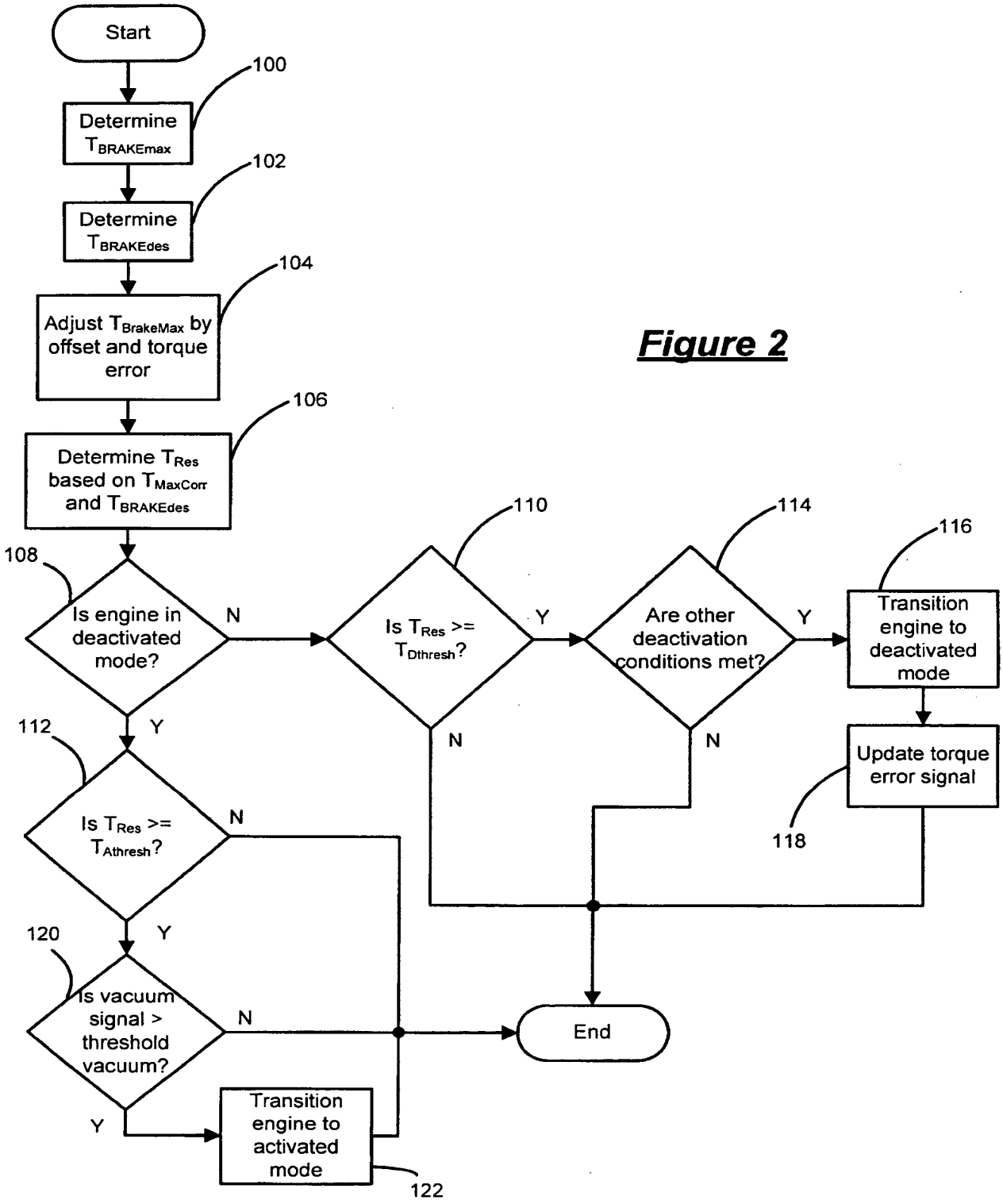
Start
100
Determine $T_{BRAKEmax}$
102
Determine $T_{BRAKEdes}$
104
Adjust $T_{BrakeMax}$ by offset and torque error
106
Determine T_{Res} based on $T_{MaxCorr}$ and $T_{BRAKEdes}$
108
Is engine in deactivated mode?
N
110
Is T_{Res} >= $T_{Dthresh}$?
Y
114
Are other deactivation conditions met?
Y
116
Transition engine to deactivated mode
Update torque error signal
118
N
N
Y
112
Is T_{Res} >= $T_{Athresh}$?
N
Y
120
Is vacuum signal > threshold vacuum?
N
Y
End
Transition engine to activated mode
122

Figure 2